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August 13, 2002

U.S. Patent and Trademark Office
Box Sequence, P.O. Box 2327
Arlington, VA 22202

Re: U.S. Serial Number 09/747,774
Entitled: *Methods and Compositions for Identifying
Receptor Effectors*
Inventors: Christine A. Klein, et al.
Filing Date: December 21, 2000
Our Ref. No.: CPI-012CP5DV

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Response to Notice to Comply with Requirements for Patent Applications
Containing Nucleotide Sequence and/or Amino Acid Sequence
Disclosures (2 pages);
2. Request for Two-Month Extension of Time (1 page in duplicate);
3. Transmittal Letter for Diskette Containing Sequence Listing (1 page);
4. Diskette Containing Computer Readable Form of Substitute Sequence
Listing;
5. Paper Copy of Substitute Sequence Listing (pages 1-18);
6. Copy of Notice to Comply with Requirements for Patent Applications
Containing Nucleotide Sequence and/or Amino Acid Sequence
Disclosures (3 pages);
7. Substitute Specification (103 pages);
8. Marked-up Version of Specification (103 pages); and
9. Prepaid acknowledgment postcard.

Please charge any necessary fees to our Deposit Account No. 12-0080. The undersigned requests any extensions of time necessary to respond. *A duplicate of this sheet is enclosed.*

Certificate of First Class Mailing (37 C.F.R. §1.8(a))

I hereby certify that this transmittal letter and the papers referred to as being enclosed therein are being deposited with the United States Postal Service as first class mail in an envelope addressed to: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202 on

August 13, 2002

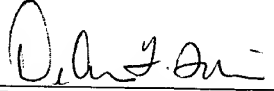
Date

DeAnn F. Smith, Esq., Registration No. 36,683

LAHIVE & COCKFIELD, LLP

Attorneys at Law

By:



DeAnn F. Smith, Esq.
Registration No. 36,683
Attorney for Applicants

Date: **August 13, 2002**



Application No.: 09/747,774

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☒ 7. Other: The nucleotide sequences and amino acid sequences present in the disclosure have not been identified with SEQ ID NOs; an amendment directing SEQ ID NOs listed in Sequence Listing (Paper # 9) into the specification is required to identify each sequence with a SEQ ID NO.

Applicant Must Provide:

- ☐ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☐ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☐ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

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SERIAL NUMBER 09/747,774	FILING DATE 12/21/2000	FIRST NAMED INVENTOR Christine A Klein	ATTORNEY DOCKET NO. CPI-012CP5DV
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EXAMINER	
Ruixiang Li	
ART UNIT	PAPER
1646	10

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents

This application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 CFR 1.821(a)(1) and (a)(2). However, this application fails to comply with the requirements of 37 CFR 1.821 through 1.825 for the reason(s) set forth on the attached Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures. **The nucleotide sequences and amino acid sequences present in the disclosure have not been identified with SEQ ID NOs; an amendment directing SEQ ID NOs listed in Sequence Listing (Paper # 9) into the specification is required to identify each sequence with a SEQ ID NO.** Applicant must comply with the requirements of the sequence rules (37 CFR 1.821 - 1.825) before the application can be examined under 35 U.S.C. §§ 131 and 132.

Applicant is given ONE MONTH from the mailing date of this communication within which to comply with the sequence rules, 37 CFR 1.821 - 1.825. Failure to comply with these requirements will result in ABANDONMENT of the application under 37 CFR 1.821(g). Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). Direct the reply to the undersigned. Applicant is requested to return a copy of the attached Notice to Comply with the reply.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ruixiang Li whose telephone number is (703) 306-0282. The examiner can normally be reached between 8:30 am and 5:00 pm, Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yvonne Eyler, can be reached on (703) 308-6564. The fax phone number for this Group is (703) 305-3014 or (703) 308-4242.

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [yvonne.eyler@uspto.gov].

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0196.

Elizabeth C. Kemmerer

ELIZABETH KEMMERER
PRIMARY EXAMINER